--- Step 3: Running mutation testing (Attempt 6/30) ---

[INFO] Running MutPy for target: mutation\_output\source\_to\_mutate.py, tests: mutation\_output\test\_generated\_mutants.py

[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 12 tests passed:

- test\_generated\_mutants [0.09856 s]

[\*] Start mutants generation and execution:

- [# 1] AOD source\_to\_mutate: [0.12917 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_n\_greater\_than\_m

- [# 2] AOR source\_to\_mutate: [0.06999 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_n\_greater\_than\_m

- [# 3] AOR source\_to\_mutate: [0.06680 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_basic

- [# 4] AOR source\_to\_mutate: [0.06783 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_small\_range

- [# 5] AOR source\_to\_mutate: [0.07056 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_basic

- [# 6] AOR source\_to\_mutate: [0.06091 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_basic

- [# 7] AOR source\_to\_mutate: [0.05018 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_basic

- [# 8] ASR source\_to\_mutate: [0.06160 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_basic

- [# 9] COI source\_to\_mutate: [0.06380 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_basic

- [# 10] ROR source\_to\_mutate: [0.05615 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_basic

- [# 11] ROR source\_to\_mutate: [0.06032 s] killed by test\_generated\_mutants.py::test\_rounded\_avg\_same\_number

[\*] Mutation score [0.89897 s]: 100.0%

- all: 11

- killed: 11 (100.0%)

- survived: 0 (0.0%)

- incompetent: 0 (0.0%)

- timeout: 0 (0.0%)

[SUCCESS] Initial tests passed. Now calculating coverage and mutation score.

--- Step 4: Calculating test coverage ---

[INFO] Running coverage for target: mutation\_output\source\_to\_mutate.py, tests: mutation\_output\test\_generated\_mutants.py

Name Stmts Miss Branch BrPart Cover Missing

-----------------------------------------------------------------

source\_to\_mutate.py 7 0 4 0 100%

-----------------------------------------------------------------

TOTAL 7 0 4 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---